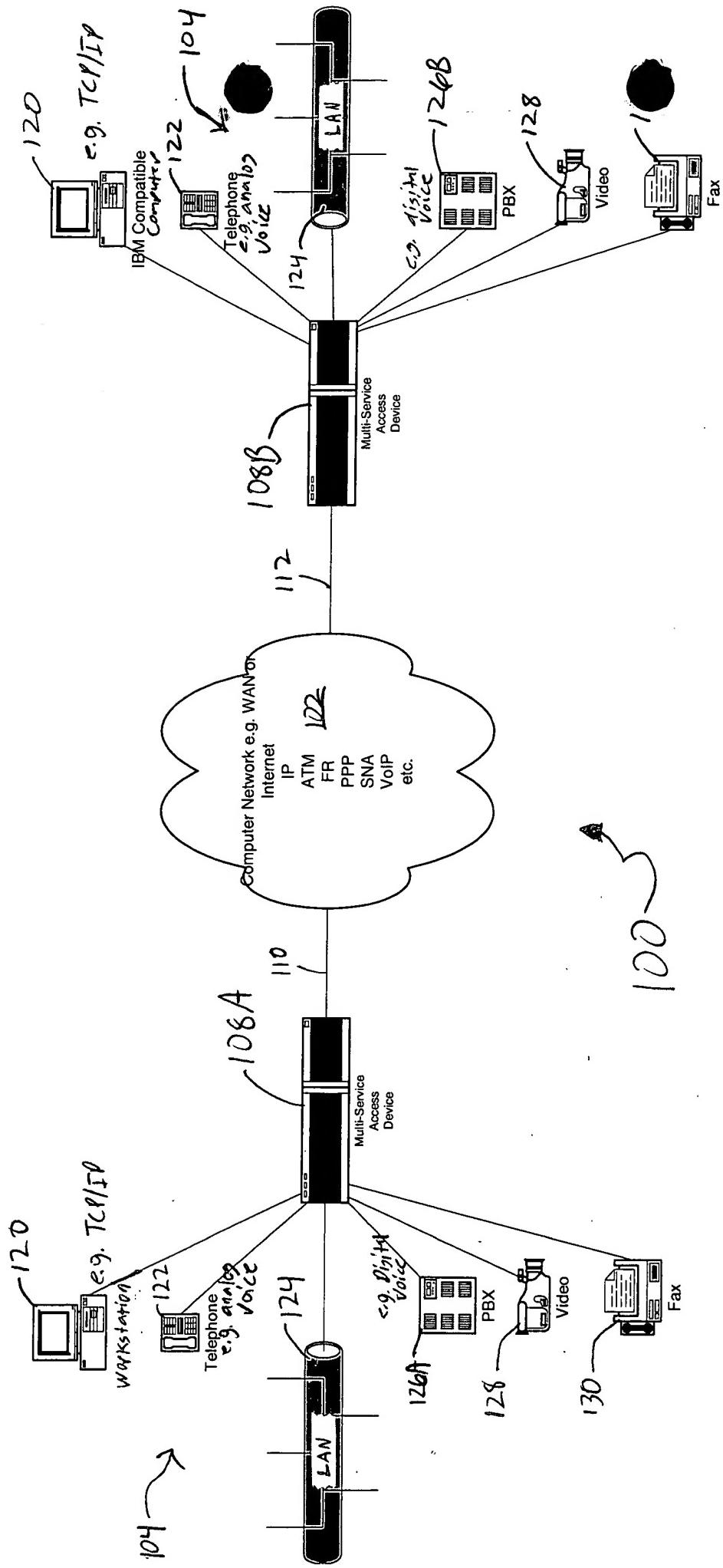


FIG. 1



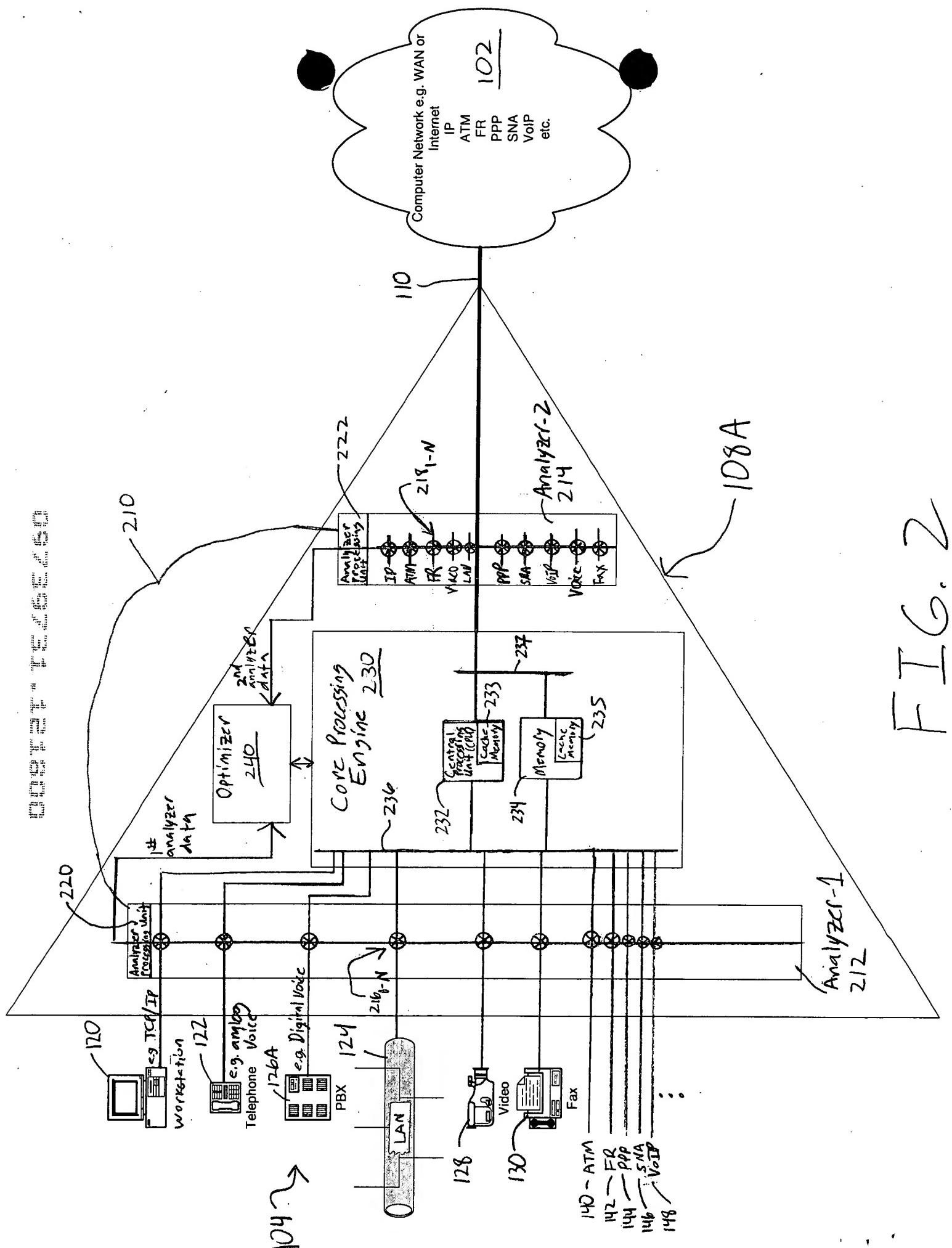
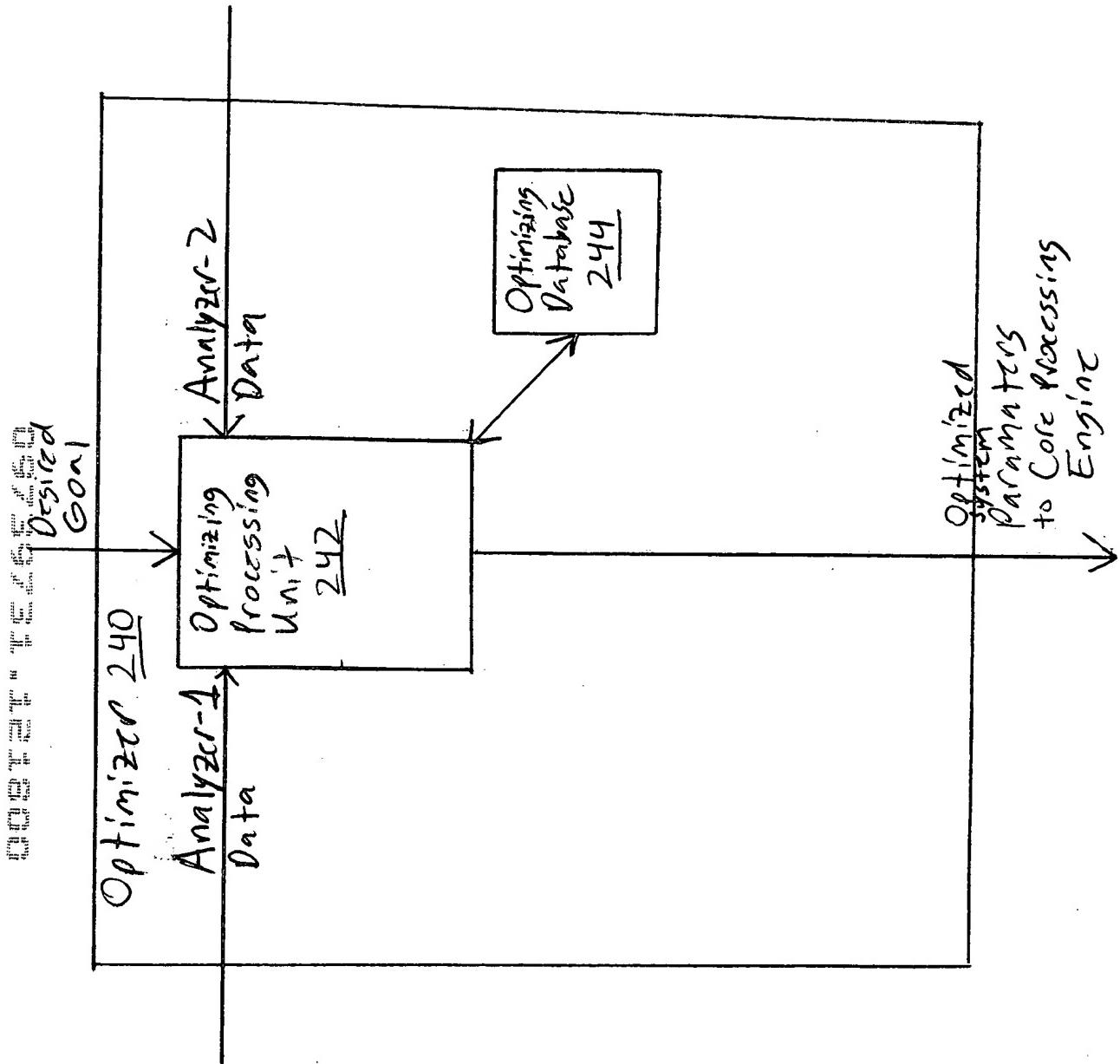


FIG. 2

FIG. 3



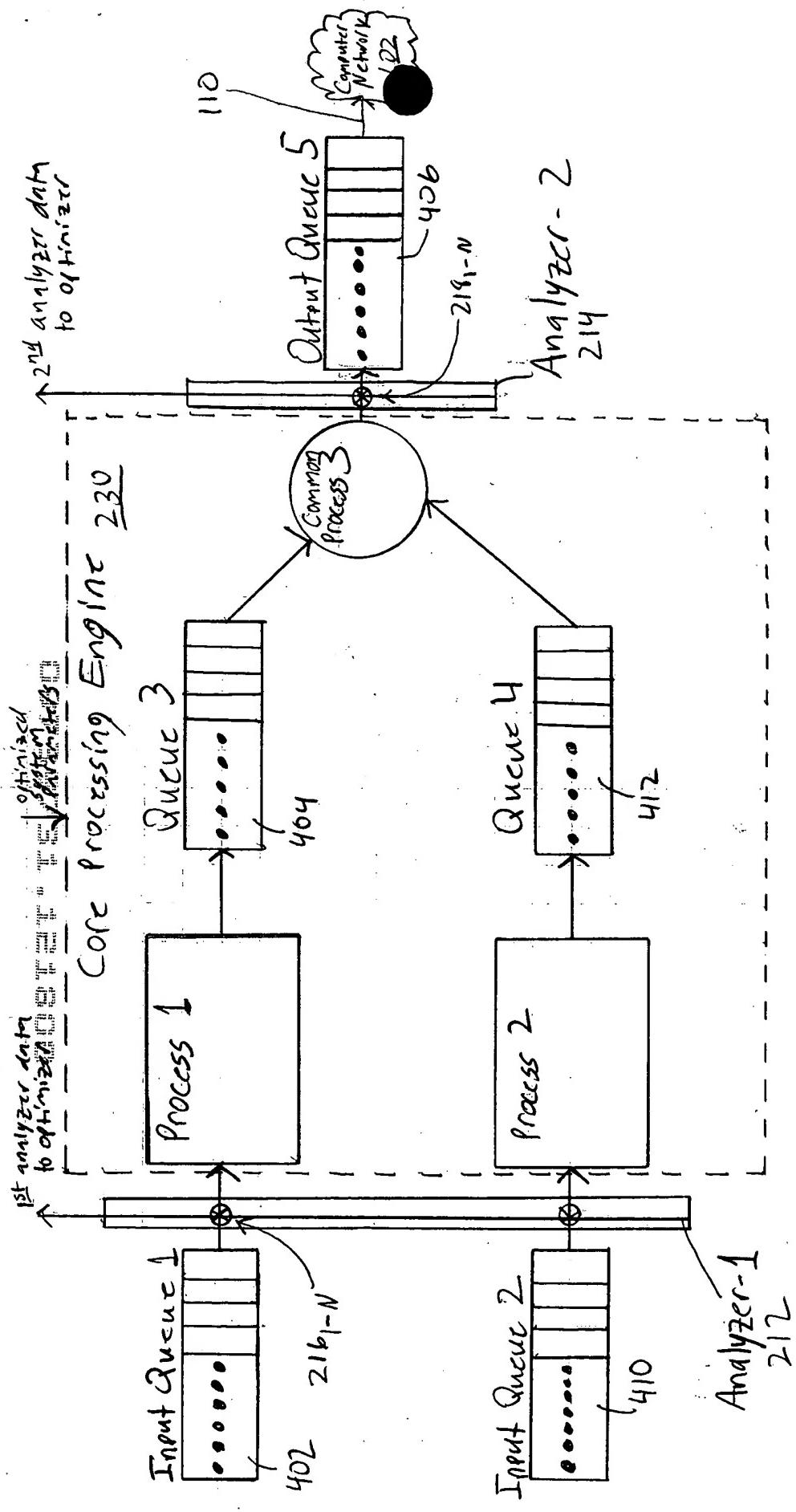


FIG. 4

FIG. 5

	Queue 1	Process 1	Queue 3	Process 3	Queue 2	Process 2	Queue 4	Process 4
Row 1	Queue 1 = Voi C (High Priority) Queue 2 = Financial Data via SNA (Priority)	High Scheduling priority Queue=Small Large CPU allocation Large Cache allocation	High Scheduling priority Queue=Small Favor Queue 3 Large CPU allocation Large Cache allocation If congestion Discard Queue 4	Low Scheduling priority Queue=Large Small CPU allocation Small Cache allocation	High Scheduling priority Queue=Large Large CPU allocation Large Cache allocation If congestion Discard Queue 4	High Scheduling priority Queue=Large Large CPU allocation Large Cache allocation If congestion Discard Queue 4	High Scheduling priority Queue=Large Large CPU allocation Large Cache allocation If congestion Discard Queue 4	High Scheduling priority Queue=Large Large CPU allocation Large Cache allocation If congestion Discard Queue 4
Row 2	 Queue 1 = Financial Data via SNA (Priority) Queue 2 = Internet traffic via IP (Priority)	 Small CPU allocation Small Cache allocation	 Small CPU allocation Small Cache allocation	 Small CPU allocation Small Cache allocation	 Small CPU allocation Small Cache allocation	 Small CPU allocation Small Cache allocation	 Small CPU allocation Small Cache allocation	 Small CPU allocation Small Cache allocation

Row 2